

AMENDMENTS TO THE SPECIFICATION

On page 93 of the specification, please replace Table 11 with the clearer (more legible) copy appearing on the following page.

**TABLE 11 - HML-2 subgroup of HERV-K Family**

Query	Query Length	Target Locus	Target Description	Target Length	Score	Pscore	Matches	Similarities	Percent Alignment	Percent Query	Query Start	Query End	Target Start	Target End	Open Gap Penalty	Extension Penalty
N4	7428	NT_022283S1.2	/contig_orient=none /start=1 /end=160119 /chrom=2 /homo	102399	72570	3.9E-47	7334	7334	98	98	7428	1	13506	20899	-20	-5
N4	7428	NT_007386S1.3	/contig_orient=complement /start=1 /end=250001 /chrom=6	102399	72570	3.9E-47	7334	7334	98	98	1	7428	29800	37193	-20	-5
N4	7428	NT_009509S2.3	/contig_orient=forward /start=250002 /end=500002 /chrom=12	102399	72379	5.3E-47	7329	7329	98	98	7428	1	136539	143951	-20	-5
N4	7428	NT_009151S32.3	/contig_orient=complement /start=7623180 /end=7873180	102399	72707	3.1E-47	7345	7345	98	98	1	7428	114716	122137	-20	-5
N4	7428	NT_023901S1.2	/contig_orient=none /start=1 /end=166310 /chrom=8	102399	70366	1.3E-45	7222	7222	97	97	7428	1	94194	101616	-20	-5
N4	7428	NT_025820S3.2	/contig_orient=complement /start=4556361 /end=661270	102399	67986	5.9E-44	7112	7112	95	95	1	7428	164603	172033	-20	-5
N4	7428	NT_024249S1.2	/contig_orient=none /start=1 /end=167403 /chrom=11 /homo	102399	67986	5.9E-44	7112	7112	95	95	1	7428	18873	26303	-20	-5
N4	7428	NT_011519S9.5	/contig_orient=forward /start=2016320 /end=2266320	102399	68342	3.4E-44	7058	7058	95	95	1	7428	62776	69910	-20	-5
N4	7428	NT_006788S1.3	/contig_orient=complement /start=1 /end=250000 /chrom=5	102399	68610	2.6E-44	7066	7066	95	95	1	7428	144115	151250	-20	-5
N4	7428	NT_004838S5.3	/contig_orient=complement /start=999278 /end=1248551	102399	68624	2.1E-44	7072	7072	95	95	7428	1	23642	30777	-20	-5
N4	7428	NT_005795S3.3	/contig_orient=forward /start=405779 /end=655779 /chrom=3	102399	67968	6.1E-44	7040	7040	94	94	1	7428	122036	129165	-20	-5
N4	7428	NT_025140S3.3	/contig_orient=none /start=449919 /end=649836 /chrom=19	97618	68168	4.4E-44	7049	7049	94	94	7428	1	174979	182103	-20	-5
N4	7428	NT_009334S8.3	/contig_orient=complement /start=1574760 /end=1824759	102399	65447	3.4E-42	6913	6913	93	93	7428	1	116705	123823	-20	-5
N4	7428	NT_004406S4.3	/contig_orient=forward /start=797371 /end=985557 /chrom=1	85887	65099	6E-42	6910	6910	92	93	1	7428	103675	110860	-20	-5
N4	7428	NT_011192S4.3	/contig_orient=forward /start=750004 /end=949429 /chrom=19	102399	62351	4.9E-40	6844	6844	90	92	7428	1	17828	25313	-20	-5
N4	7428	NT_007592S14.3	/contig_orient=forward /start=3276099 /end=3526099 /chrom=6	102399	56493	5.7E-36	6795	6795	79	91	1	7428	141741	150230	-20	-5
N4	7428	NT_011512S23.3	/contig_orient=forward /start=5505084 /end=5755084	102399	64096	3E-41	6818	6818	92	91	7428	38	93282	100383	-20	-5
N4	7428	NT_019638S1.3	/contig_orient=none /start=1 /end=250001 /chrom=19	102399	57114	2.1E-36	6273	6273	82	90	7427	1	179318	187384	-20	-5
N4	7428	NT_022411S1.3	/contig_orient=none /start=1 /end=163648 /chrom=3	61348	65630	2.6E-42	6734	6734	95	90	7024	1	140614	147637	-20	-5
N4	7428	NT_005632S1.3	/contig_orient=complement /start=1 /end=214350 /chrom=3	102399	62739	2.6E-40	6630	6630	91	89	7428	7428	48116	55040	-20	-5
N4	7428	NT_022504S1.3	/contig_orient=forward /start=1 /end=271641 /chrom=3	102399	56001	1.3E-35	6420	6420	86	86	7428	1	176629	183705	-20	-5
N4	7428	NT_023397S2.3	/contig_orient=complement /start=250002 /end=455242	102399	49492	4.1E-31	6275	6275	79	84	1	7428	25289	33146	-20	-5
N4	7428	NT_011520S13.5	/contig_orient=forward /start=3068083 /end=3318083	102399	47530	9.6E-30	6166	6166	77	83	1	7425	146733	154470	-20	-5
N4	7428	NT_019483S4.3	/contig_orient=forward /start=750003 /end=1000003 /chrom=8	102399	50179	1.4E-31	6184	6184	82	83	7428	1	13951	21321	-20	-5
N4	7428	NT_019483S2.3	/contig_orient=forward /start=250001 /end=500001 /chrom=8	102399	50122	1.5E-31	6177	6177	82	83	7428	1	131375	138737	-20	-5
N4	7428	NT_024033S5.3	/contig_orient=forward /start=1000005 /end=1250005	102399	57370	1.4E-36	5859	5859	97	78	1	5981	41571	47546	-20	-5
N4	7428	NT_023628S1.3	/contig_orient=complement /start=1 /end=151365 /chrom=7	102399	56440	6.2E-36	5651	5651	99	76	1772	7428	1	5656	-20	-5
N4	7428	NT_023323S1.2	/contig_orient=none /start=1 /end=103061 /chrom=5 /homo	102399	45124	4.5E-28	5600	5600	82	75	6704	1	1	6758	-20	-5